



IAEA

Atoms for Peace and Development

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

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In reply please refer to: **EVT2001032**

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The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Joint IAEA–Argonne National Laboratory Training Course on the Identification of Viable Sustainable Development Paths and the Use of the IAEA's Energy Scenarios Simulation Tool** (hereinafter referred to as “event”) to be held at the Argonne National Laboratory, in Lemont, United States of America, from **14 to 18 September 2020**.

The purpose of the event is to enhance the knowledge and skills of national experts in assessing cost-effective energy technologies, including nuclear power, for developing sustainable national energy strategies and plans, and to train them on the use of the IAEA's Energy Scenarios Simulation Tool for this purpose.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one participant to represent the Government at this event. Member States are strongly encouraged to identify suitable women participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event. The application for financial support should be made at the time of designating the participants using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **15 June 2020** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Mr Mario Tot, Division of Planning, Information and Knowledge Management, Department of Nuclear Energy (Email: M.Tot@iaea.org), and to the Administrative Secretaries, Ms Valerie Gartner (Email: V.Gartner@iaea.org) and Ms Eugenie Hartzell (Email: E.T.B.Hartzell@iaea.org). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once official designations have been received.

Should Governments wish, in addition, to appoint one or more observers to assist and advise the designated participants, they are kindly requested to inform the IAEA of the names and contact details of any such observers by the above date. In accordance with the established rules, Governments are expected to bear the cost of attendance of any observers they may send to IAEA events. Compensation is not payable by the IAEA for any damage to or loss of observers' personal property or for illness, injury or death occurring while travelling to or in connection with their attendance at IAEA events.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA's Member States the assurances of its highest consideration.



2020-04-30

Enclosures: Information Sheet

Participation Form (Form A)

Grant Application Form (Form C)



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Joint IAEA–Argonne National Laboratory Training Course on the Identification of Viable Sustainable Development Paths and the Use of the IAEA’s Energy Scenarios Simulation Tool

Hosted by the

Government of the United States of America

through the

Argonne National Laboratory (ANL)

Lemont, United States of America

14–18 September 2020

Ref. No.: EVT2001032

Information Sheet

Introduction

The International Atomic Energy Agency’s (IAEA’s) Planning and Economic Studies Section is helping Member States strengthen their capabilities to elaborate sustainable energy strategies and identify the potential role for energy technologies, including nuclear power. For this purpose, the Planning and Economic Studies Section has developed a set of analytical tools and methodologies for integrated energy planning, which are being used by more than 130 countries for their energy studies.

The year 2015 was a key milestone in two areas: sustainable development and climate change. In September, all UN Members States adopted the 2030 Agenda for Sustainable Development at the core of which are the 17 Sustainable Development Goals (SDGs). In December the same year, the Parties to UNFCCC met in Paris and adopted the much-awaited agreement in the fight of climate change. The two areas are inextricably linked through a key component, which is Energy. Affordable and clean energy is a crucial enabler of achieving the SDGs while energy related GHG emissions are the single most important drivers of anthropogenic climate change.

Appropriate methodologies and tools are needed to conduct the necessary assessments for developing national plans, respecting national specifics and countries contributions to global energy and climate related goals. This training course will help strengthen expertise for evaluating energy development options, including nuclear power. Training will introduce the IAEA's Energy Scenario Simulation Tool – ESST and its use to assess/compare various development paths.

The training will consist of a series of presentations both by experts and by IAEA staff members in the use of the ESST tool. Participants will apply ESST, develop national case studies and present results of assessment of low-carbon development paths.

Objectives

The purpose of the training is to enhance knowledge and skills of national experts/professionals to assess cost-effective energy technologies, including nuclear power, for elaboration of sustainable national energy strategies and plans; and training in the use of the IAEA's tool ESST for this purpose.

This course will help the participating countries to develop skills for the assessment of cost-effective energy technologies, including nuclear power, as well as nationally determined contributions (NDCs) for climate change mitigation. Training will also help participants understand trade-offs between various development options and role of competing technologies and their integration into power system (e.g. issues of variability and flexibility, firm capacity and other).

Target Audience

The participants should be specialists in energy sector planning and environment/climate policy analysis. Previous very good knowledge on energy demand and energy supply analysis is desirable.

Working Language(s)

English

Participation and Registration

The training course is open to up to one participant from each participating country. The nominees should be energy professionals of ministries in charge of energy/electricity sector, electric utilities, national offices/agencies or specialized research organizations/ institutions involved in energy sector planning and environment/climate policy analysis or members of academia (universities). Previous knowledge and experience in use of some of the energy planning tool, including the IAEA tools, for energy demand analysis (e.g. MAED), energy/electricity supply (e.g. MESSAGE and/or WASP) or ESST is desirable. Participant will be required to bring data relevant for this training and will be informed about data needs in due time. An online session might be organised prior to event to prepare selected participants for the training (participation to the online session will be obligatory). The total number of participants will be twenty, therefore a selection will be performed by scientific secretary based on fulfilment of qualifications.

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **15 June 2020**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made using the **Grant Application Form (Form C)** which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **15 June 2020**.

Venue

The event will be held at the Argonne National Laboratory. Selected participants will be informed in due course on the procedures to be followed regarding travel and lodging arrangements.

Visas

Participants who require a visa to enter United States of America should submit the necessary application immediately to the nearest diplomatic or consular representative of the United States of America.

Organization

Scientific Secretary

Mr Mario Tot

Division of Planning, Information and Knowledge Management
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Host Country Organizer

Ms Sunaree Hamilton

Program Manager
IAEA Programs
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Email: IAEA-ANLCourse@anl.gov

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Fax: +43 1 26007

Email: E.T.B.Hartzell@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary and correspondence on other matters related to the event to the Administrative Secretaries.

Participation Form

Joint IAEA–Argonne National Laboratory Training Course on the Identification of Viable Sustainable Development Paths and the Use of the IAEA’s Energy Scenarios Simulation Tool

Argonne National Laboratory, Lemont, United States of America

14–18 September 2020

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary M.Tot@iaea.org and to the Administrative Secretaries V.Gartner@iaea.org and E.T.B.Hartzell@iaea.org.

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Deadline for receipt by IAEA through official channels: 15 June 2020

| | | |
|--|--|-------|
| Family name: (e.g. Smith) | First name(s): (e.g. John) | Mr/Ms |
| Institution: | | |
| Full address: | | |
| Tel. (Fax): | | |
| Email: | | |
| Nationality: | Representing following Member State/non-Member State/entity or invited organization: | |
| If/as applicable: Do you intend to submit a paper? Yes No Would you prefer to present your paper as a poster? Yes No Title: | | |

Grant Application Form

Joint IAEA–Argonne National Laboratory Training Course on the Identification of Viable Sustainable Development Paths and the Use of the IAEA’s Energy Scenarios Simulation Tool

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Deadline for receipt by IAEA through official channels: 15 June 2020

| | | |
|-----------------------------|----------------------------|--------|
| Family name: (e.g. Smith) | First name(s): (e.g. John) | Mr/Ms: |
| Mailing address: | Tel.: | |
| | Fax: | |
| | Email: | |
| Date of birth (yyyy/mm/dd): | Nationality: | |

1. Education (post-secondary):

| Name and place of institution | Field of study | Diploma or Degree | Years attended from | to |
|-------------------------------|----------------|-------------------|---------------------|----|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

2. Recent employment record (starting with your present post):

| Name and place of employer/organization | Title of your position | Type of work | Years worked from | to |
|---|------------------------|--------------|-------------------|----|
| | | | | |
| | | | | |
| | | | | |

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of event:

Date: _____ **Signature of applicant:** _____

Date: _____ **Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority**
